



Environmental Protection Agency

4500 S. Sixth Street Springfield, IL. 62706

Telephone 217-786-6892

July 14, 1981

Refer to: Sangamon Co./LPC -- #16782516
Springfield/Buerkett #2 (31st Street)

Mr. Merle Buerkett
R. R. #2, Koke Mill Road
Springfield, Illinois 62707

Dear Mr. Buerkett:

A sample of an oil filter sludge cake generated by Central Refining Company of Springfield, and accepted at your Annex and 31st landfill sites under special waste authorization number 79-0557, was collected at Central Refining Company on April 16, 1981, by Richard Johnson of this Agency.

This sample underwent total acid digestion testing at our Champaign Laboratory, and the results are shown on the enclosed chemical analysis form. You will note the wide variation in concentrations of several parameters when compared to the concentrations obtained when A & H Engineering tested a sample of the oil filter sludge cake on November 2, 1978 (A & H report number 10-8063-1, copy enclosed), for your engineer, Mr. Douglas Andrews of Andrews Engineering in Springfield. For example, our test showed a lead concentration of 2500 ppm, the A & H report showed a lead concentration of 1.70 ppm; our test showed a zinc concentration of 1600 ppm, and the A & H test reported a concentration of 99.5 ppm.

Your Special Waste Permit Number 79-0557 that authorizes you to accept the oil filter sludge cake at your 31st Street landfill expires on August 20, 1981. We are, by copy of this letter, requesting that our Special Waste Unit closely review the aforementioned results before renewing this permit.

EPA Region 5 Records Ctr.



298762

RECEIVED

JUL 15 1981

E.P.A. — D.C.
STATE OF ILLINOIS

Mr. Merle Buerkett
Page 2
July 14, 1981

If you have any questions regarding this matter, please feel free to contact David C. Jansen or myself at the above number.

Sincerely,

Monte M. Nienkerk
Central Region Manager
Land Field Operations Section
Division of Land/Noise Pollution Control

MMN/DCJ/cp

Enclosures

cc: ~~DLPC~~/Division File
DLPC/FOS, Central Region
DLPC/Special Waste Unit
Andrews Engineering
Central Refining Company